Cover Crops & Irrigated Wheat

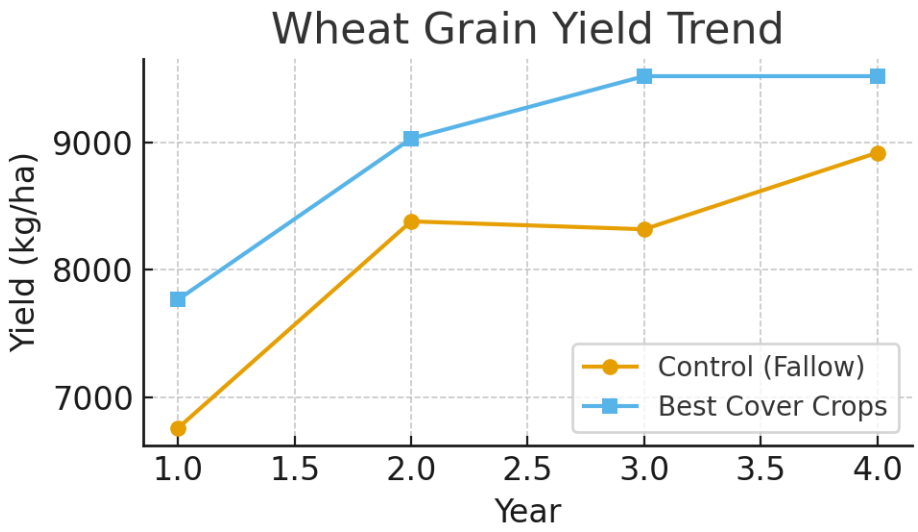
Agronomic & Economic Assessment

(4-Year Field Study, Karaj, Iran)

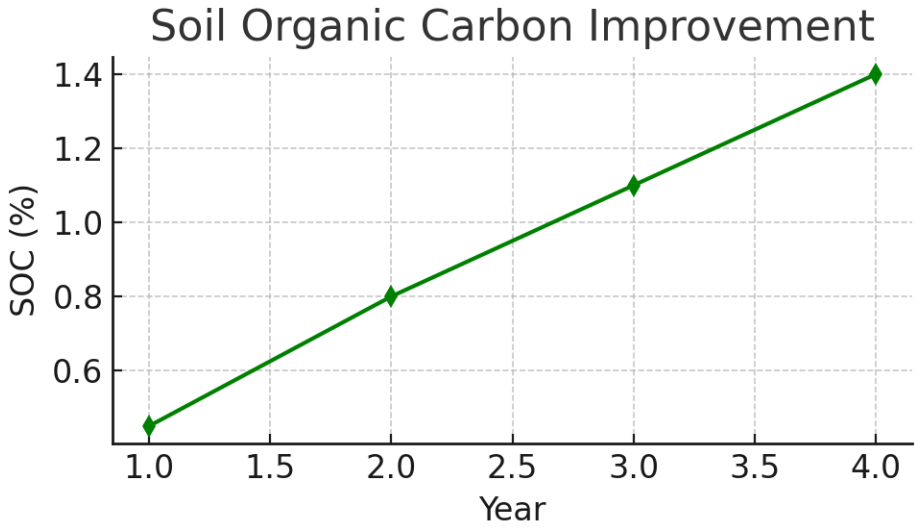
Key Findings

- • Yield: Wheat grain yield increased up to 9.5 t/ha with cover crops (24% gain).
- • Soil: Organic carbon improved from 0.45% to 1.4% in 4 years.
- • Profitability: Net income rose by 30–40% with cover crops.
- • Best Crops: Forage millet, sudangrass, and canola gave highest returns.

Wheat Grain Yield Trend



Soil Organic Carbon Improvement



Net Income from Wheat Production